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ATTY. DOCKET NO. 17648-0014	SERIAL NO. 09/665,303	FILING DATE September 19, 2000
APPLICANT John T. Santini, Jr., et al.		GROUP Not Yet Assigned 3763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	AA	3,692,027	09/19/72	Ellinwood, Jr.			
	AB	4,003,379	01/18/77	Ellinwood, Jr.			
	AC	4,360,019	11/23/82	Portner et al.			
	AD	4,507,115	03/26/85	Kambara et al.			
	AE	4,585,652	04/29/86	Miller et al.			
	AF	4,731,049	03/15/88	Parsi			
	AG	4,793,825	12/27/88	Benjamin et al.			
	AH	5,042,975	08/27/91	Chien et al.			
	AI	5,167,625	12/01/92	Jacobsen et al.			
	AJ	5,170,801	12/15/92	Casper et al.			
	AK	5,196,002	03/23/93	Hanover et al.			

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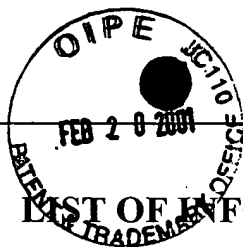
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
J	AL	93/03790	03/04/93	WO	Rutgers, The State University of NJ	
	AM	98/00107	01/08/98	WO	Massachusetts Institute of Technology	
	AN	98/26814	06/25/98	WO	JVS-Polymers Oy	
	AO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

J	AP	Bhattacharya & Tummala, "Next Generation Integral Passives: Materials, Processes, and Integration of Resistors and Capacitors on PWB Substrates," <i>J. Mater. Sci.-Mater. Electron.</i> 11(3):253-68 (2000).
	AQ	Kwon, et al., "Electrically Erodible Polymer Gel for Controlled Release of Drugs," <i>Nature</i> 354:291-293 (1991).
	AR	Low, et al., "Microactuators Towards Microvalves for Responsive Controlled Drug Delivery," <i>Sensors & Actuators B</i> 67: 149-60 (2000).
	AS	Madou & Florkey, "From Batch to Continuous Manufacturing of Microbiomedical Devices," <i>Chem. Rev.</i> , 100: 2679-97 (2000).

EXAMINER 	DATE CONSIDERED 4/6/03
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APPLICANT John T. Santini, Jr., et al.		GROUP Not Yet Assigned 3763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
D	AA	5,279,607	01/18/94	Schentag et al.			
	AB	5,318,557	06/07/94	Gross			
	AC	5,336,213	08/09/94	D'Angelo et al.			
	AD	5,366,454	11/22/94	Currie et al.			
	AE	5,368,704	11/29/94	Madou et al.			
	AF	5,368,588	11/29/94	Bettinger			
	AG	5,427,585	06/27/95	Bettinger			
	AH	5,443,508	08/22/95	Giampapa			
	AI	5,474,527	12/12/95	Bettinger			
	AJ	5,490,962	02/13/96	Cima et al.			
	AK	5,651,900	07/29/97	Keller et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Madou, <u>Fundamentals of Microfabrication</u> , pp. 468-512 (CRC Press 1997).
AQ	Madou & He, "Exploitation of a Novel Artificial Muscle for Controlled Drug Delivery," pp. 495-497 (1999).
AR	Surbled, et al., "Characterization of Sputtered TiNi Shape Memory Alloy Thin Films," <i>Jpn. J. Appl. Phys.</i> 38: L1547-L1549 (1999).
AS	Surbled, et al., "Shape Memory Alloys for Micromembranes Actuation," <i>SPIE</i> 3825: 63-70 (1999).

EXAMINER 	DATE CONSIDERED 4/6/03
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Q</i>	AA	5,660,680	08/26/97	Keller			
	AB	5,770,076	06/23/98	Chu et al.			
	AC	5,797,898	08/25/98	Santini, Jr. et al.			
	AD	5,798,042	08/25/98	Chu et al.			
	AE	5,893,974	04/13/99	Keller et al.			
	AF	5,900,160	05/04/99	Whitesides et al.			
	AG	5,938,923	08/17/99	Tu et al.			
	AH	5,948,255	09/07/99	Keller et al.			
	AI	5,962,081	10/05/99	Öhman et al.			
	AJ	5,985,328	11/16/99	Chu et al.			
	AK	5,989,445	11/23/99	Wise et al.			

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Surbled, et al., "Array of Shape Memory Alloy One-Shot Micro-Valves for Drug Delivery," MME '99, Gif sur Yvette, France (Sept. 27-28, 1999).
	AQ	Tierney, et al., "New Electorelease Systems Based on Microporous Membranes," <i>J. Electrochem. Soc.</i> , 137:3789-3793 (1990).
	AR	Tierney, et al., "Electroreleasing Composite Membranes for Delivery of Insulin and Other Biomacromolecules," <i>J. Electrochem. Soc.</i> , 137:2005-2006 (1990).
	AS	Uhrich, et al., "Synthesis and Characterization of Degradable Poly(anhydride-co-imides)," <i>Macromolecules</i> 28:2184-2193 (1995).

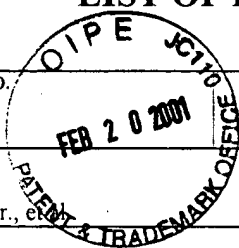
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 APPLICANT John T. Santini, Jr., et al.
 SERIAL NO. 09/665,303
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	AA 6,123,861	09/26/00	Santini, Jr. et al.			
	AB					
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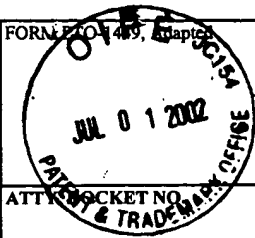
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AP	Vladimirsky, et al., "Thin Metal Film Thermal Micro-Sensors," <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> 2640:184-92 (1995).
	AQ	Wogersien et al., "Fabrication of Thin Film Resistors and Silicon Microstructures Using a Frequency Doubled Nd:YAG-Laser," <i>Proc. SPIE-Int. Soc. Opt. Eng.</i> 3680:1105-12 (1999).
	AR	
	AS	

EXAMINER *[Signature]* DATE CONSIDERED 8/6/01

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APPLICANT John T. Santini Jr., et al.		GROUP 3763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,252,294	10/12/1993	Kroy et al.			
	5,200,051	04/06/1993	Cozzette, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.
197 16 683 C1	06/04/1998	DE	Fraunhofer-Gesellschaft zur Forderung	X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED 4/16/03
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